

# Multidrive Sprayer



- Chafer Machinery's Multidrive demount sprayer is built using a stainless steel spray tank of up to 4,000l and features a strong and durable boom that can extend upto 36m.
- Combining simple plumbing and in-cab controls along with a high capacity centrifugal pump, this compact demount sprayer offers a versatile alternative to a dedicated self propelled machine.
- Options including automatic application rate control and a wide range of plumbing options such as spray line prime and purge can be fitted to increase sprayer performance.

Strength, Reliability and Performance Guaranteed

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**Chafer**  
Machinery



## Chafer Multidrive Demount - Main Features

**Stainless Steel Tank** - Constructed of durable stainless steel the Multidrive demount tank incorporates a sloping floor that ensures complete emptying of the spray tank even on sloping ground. Tank sizes range from 2500 - 4000l and each incorporates an integral cleanwater tank.

**Boom** - The Multidrive demount is fitted with Chafer Machinery's strong but lightweight boom that extends up to 36m. This boom, offers superb ride stability even over rough ground and is designed so accommodate twin spray lines and plumbing for suspension fertilizer application.

**Centrifugal Pump** - The sprayer is fitted with a hydraulically driven centrifugal pump which gives ample pressure and flow for all chemical and liquid fertilizer application. Flow rates of 450l/min allow rapid tank filling while pressures of up to 7 bar enable efficient chemical application using all kinds of jets.

**Valve Arrangement** - Controlling the flow of liquid through the sprayer could not be simpler with the use of two 5 way rotary valves. These two valves, which control liquid source and destination, allow the operator to control every spraying function from tank fill to tank rinse.

**Demounting** - The sprayer is designed so that demounting is quick and simple through the use of four jacking legs. The sprayer is secured by four locking pins while the electric cables and hydraulic hoses are all linked to the tractor via quick release connectors.

## Chafer Multidrive Demount - Popular Options

**Rate Controller** - Application rates are automatically regulated while spraying by a simple to operate TeeJet rate controller. Once the target application rate has been entered the sprayer regulates the amount of liquid flowing back to the tank therefore maintaining a constant application rate regardless of forward speed. A master switch and section on off switches are incorporated into the rate controller box.

**Electro-hydraulic boom control** - Boom lift, tilt and fold are electro-hydraulically controlled from the tractor cab through a compact and simple switchbox.

**Sprayline Prime and Purge** - This feature allows the operator to charge the sprayline with full strength chemical before spraying starts and to flush the lines with cleanwater once spraying has finished. The system can also be used to agitate the spray line while spraying.



### Chassis & Tank

- Sprayer designed to fit short, medium and long wheel base Multidrive 4140 & 6185 tractors.
- Fully welded box section modular build chassis.
- Quick hitch/release pins for rapid de-mounting.
- De-mounting legs & jacks.
- Stainless steel tank with sloping floor for total draining & integral wash water tank.
- Hinged inspection lid.
- High volume agitation system.
- Aggressive tank rinsing nozzle.
- Road traffic lights.
- Clean clothing lockers.
- Hand washing water tank.

### Boom

- 18-36m fully suspended gull wing boom with damping for bounce, tilt and yaw.
- Electric ball valve, four section spray control.
- Single stainless steel 3/4" boom tube with single jets at 0.5m jet spacing.
- Single outlet anti-drip nozzle bodies, inc. one set of spraying tips.
- Quick release end caps for boom tube draining.

### In Cab Controls

- In cab electrical control of boom sections.
- In cab pressure control.

### Plumbing

- High capacity, hydraulically driven, centrifugal pump.
- High capacity stainless steel chemical hopper.
- Liquid source and destination control valves.
- Pressure filtration system.
- 5m suction hose.
- In field wash down kit.

### Options

- Choice of 2500l, 3000l, 3500l, 4000l tank sizes
- TeeJet 834 or 844 automatic application rate controller
- Electro hydraulic control of boom lift, tilt and fold
- Independent boom tilt
- Foam marker
- Outback GPS Parallel tracking system
- Twin stainless steel spray line
- Spray line prime and purge
- Triple or Quad nozzles
- Custom designed plumbing for high rate fertilizer application
- AirTech or Airsleeve system